



TechSavvy

by AAUW



Trinity College
Saturday, May 2, 2015

SCHEDULE

Program for Girls

Time	Activity	Location
8:30-9:30 a.m.	Check-in and Breakfast	Mather Hall
9:30-9:50 a.m.	Welcome	Mather Hall, Washington Room
10:00-10:45 a.m.	Workshop 1/College and Career Corner	See pages 5-7
10:50- 11:35 a.m.	Workshop 2/College and Career Corner	See pages 5-7
11:40-12:25 p.m.	Workshop 3/College and Career Corner	See pages 5-7
12:30-1:15 p.m.	Lunch	Mather Hall, Washington Room
1:15-2:00 p.m.	Workshop 4	See pages 5-7
2:15-3:15 p.m.	Savvy Skills Workshops	See page 7
3:15-4:30 p.m.	Closing Ceremony and Speaker	Mather Hall, Washington Room

Program for Adults

Time	Activity	Location
9:30-9:50 a.m.	Welcome	Mather Hall, Washington Room
10:00-10:45 a.m.	Morning Activity and Why So Few	Mather Hall, Washington Room
10:50- 11:35 a.m.	Student STEM Panel	Mather Hall, Rittenberg Lounge
11:40-12:25 p.m.	Professional STEM Panel	Mather Hall, Rittenberg Lounge
12:30-1:15 p.m.	Lunch	Mather Hall, Washington Room
1:15-2:00 p.m.	College and Career Corner	Mather Hall, Terrace Rm B&C
2:15-3:15 p.m.	Workshop: Financial Preparedness	Mather Hall, Washington Room
3:15-4:30 p.m.	Closing Ceremony and Speaker	Mather Hall, Washington Room



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Keynote Speaker

3:15–4:30 P.M., Mather Hall, Washington Room



Keshia Ashe **Co-founder and CEO** **ManyMentors**

Keshia Ashe is the co-founder and CEO of ManyMentors, a science, technology, engineering and math (STEM) online and in-person mentoring nonprofit organization. ManyMentors connects mentors from several universities with middle and high school students interested in learning more about STEM degrees and careers. Keshia is an alumna of the University of Virginia in Biomedical Engineering, and current Ph.D. candidate in Chemical Engineering at the University of Connecticut. She conducts innovative research in the field of Bone Tissue Engineering within the Institute for Regenerative Engineering. She is an avid science enthusiast, mentor, role model, TEDx speaker, and unwavering advocate for STEM education in the State of Connecticut. Due to her work, she was recently awarded the Connecticut Technology Council's 2015 Women of Innovation in Community Innovation and Leadership award.

Website: www.manymentors.org

Facebook: www.facebook.com/manymentors

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Program for Girls

Technology Roadshow for Medical Devices

Room: Clement 215

Explore a variety of medical devices and surgical tools. Learn about each product, and try your hand at mock surgery!

Presented by Dr. Marisha Godek and Madison Tobar of Covidien

Take Water Apart

Room: Clement 213

Learn the basics of airplane design, then build and fly your own model glider!

Presented by Dr. Michelle Kovarik of Trinity College

Computer Dissection

Room: Clement 317B

Have you ever thought about the way that a computer works? In this workshop, groups take apart the pieces of a computer to learn more about the technology that we rely on today!

Presented by Ashley Nelson of CWEALF

Synthesizing Everyday Commodities

Room: Clement 301

Do you know how to make aspirin? What about mint flavoring? After this workshop you will! Organic chemists make complex products out of simple starting materials. In this workshop you will make either aspirin or mint flavoring from a simple chemical starting molecule.

Presented by Dr. Cheyenne Brindle of Trinity College

Let's do the Jitterbug!

Room: Clement 207

Create a motorized toy made of recycled CD and a DC motor. Learn how electric circuits work, and how an unbalanced load results in rational vibration.

Presented by Megan Hislop of CCSU School of Engineering & Technology Student

Touchdown!

Room: Clement 215

Be a NASA engineer for a day! In this workshop, we will design spacecraft equipment for a successful moon landing. Houston... The Eagle has landed.

Presented by Carolyn Begnoche of Society of Women Engineers Hartford

Alien Invaders!

Room: Clement 317

Come learn about two recent alien insect invaders to the northeast. We will discuss what natural resources are threatened by the invasion and look at a small fun way that we can help conserve some of those resources: making paper!

Presented by Tawny Virgilio of Massachusetts Department of Conservation & Recreation and Audra Baker of USDA, Animal Plant & Health Inspection Service PPQ

CSI: Tech Savvy

Room: Clement 317B

Are you glued to the television as your favorite detective finds a mysterious substance at the scene of the crime? Now you can be the scientist in the lab. Learn how to use chromatography to identify mystery substances.

Presented by Dr. Jani Pallis of University of Bridgeport

DNA Extraction

Room: Clement 317

In this workshop, girls will separate out the genetic material of strawberries so you can see what's inside!

Presented by Dr. Myrna Watanabe of Naugatuck Valley Community College

Smart Girls Finish Rich

Room: Clement 105

Want all of your dreams to come true? Well, investing in yourself can be the best thing ever! In this workshop, you'll learn how smart girls make the numbers add up to SUCCESS!

Presented by Nichelle Maynard-Elliott of Praxair, Inc.

Solving a Mystery

Room: Clement 210

Mixtures of chemicals are separated in to pure chemicals using chromatography. This technique is one of the most common laboratory tasks that synthetic chemists perform in their workday. Students will learn about the concepts and apply the information in a hands on experiment that solves a mystery.

Presented by Furahi Achebe of Metropolitan Business Academy and Andrea McClure

Leg Savvy

Room: Clement 207

Walking and running seem like pretty simple tasks - right? Your musculoskeletal system is actually quite an amazing piece of machinery! In this workshop we will dissect chicken legs to examine how all these tissues work together to help you run. Then we will do some testing to see how biomedical engineers would study the tissues!

Presented by Alison Koerkenmeier, Jacqueline Maynard, Johanna Owens and Janet Zapor

No Fuss App Creation

Room: B02 Raether Library and Information Technology Center

Do you use apps on a touch, phone, or tablet, and ever wonder how they are created? This session will take some of the mystery out of creating Mobile Apps by going through two approaches. First, students will use an easy, online tool to help them configure a new mobile application during the session. Second, alternative approaches for advanced app development will be reviewed and resources will be provided for where you can learn more after the session.

Presented by Dr. Chinma Uche of Academy of Aerospace and Engineering High School and Barbara DeLoureiro of Babson College

3D Modeling and Prototyping

Room: B03 Raether Library and Information Technology Center

Learn about the newest and coolest ways to prototype! In this workshop you will learn the basics about 3D modeling and prototyping. The workshop will include topics such as views, orientations, extrusions, and revolutions.

Presented by Dr. Luz Amaya-Bower of Central CT State University

Savvy Skills Workshops

2:15 P.M.-3:15 P.M.

Social Media

Room: Clement 215

Presented by Holly Lauridsen, ManyMentors

Interview Skills

Room: Clement 210

Presented by Lisa Esneault and Vanessa Abrahams-John, Praxair, Inc.

Critical Thinking

Room: Clement 105

Presented by Laura Garza, Praxair, Inc.

Leadership and Teamwork

Room: Clement 308

Presented by Kristina Newman Scott

Winning Isn't the Point

Room: Clement 317B

Presented by Cynthia Townshend-Lacock



Program for Adults

Morning Activity and Why So Few

10:00 A.M.–10:45 A.M., Washington Room, Mather Hall

Lucy Brakoniecki, CWEALF

Donna Haghighat, CT AAUW

Student STEM Panel

10:50 A.M.–11:35 A.M., Rittenberg Lounge, Mather Hall

Cynthia Townshend-Lacock, Moderator

Erin Barney, Trinity College

Rachel Moll, University of Hartford

Ashley Nelson, CT Women's Education and Legal Fund

Professional STEM Panel

11:40 A.M.–12:25 P.M., Rittenberg Lounge, Mather Hall

Nichelle Maynard-Elliot, Praxair, Inc.

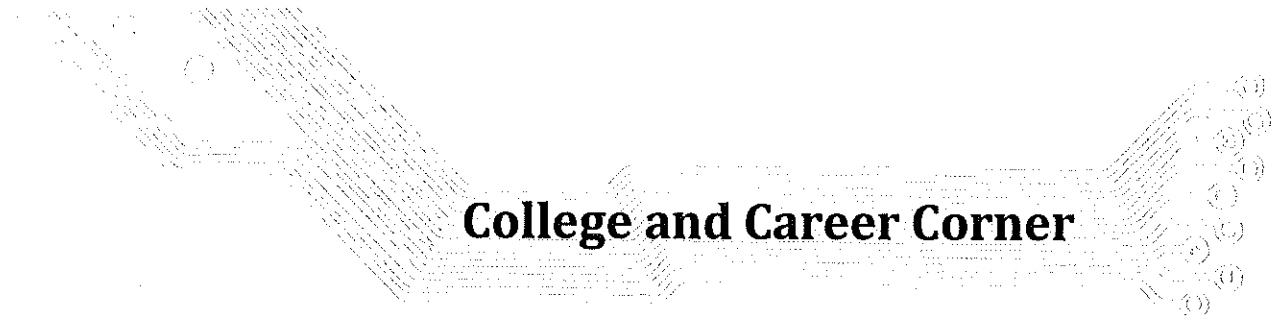
Diana Lanser, Tai Soo Kim Partners

Kirsten Martin, University of Saint Joseph

Financial Preparedness

2:00 P.M.–3:00 P.M., Washington Room, Mather Hall

Reggie Kennedy, Trinity College Admissions



College and Career Corner

Tai Soo Kim Partners Architects

Table 1

Capital Community College

Table 2

Eastern Connecticut State University

Table 3

St. Vincent's College

Table 4

Trinity College

Table 5

Covidien

Table 6

AAUW Connecticut

Table 7

Praxair

Table 8



Closing Ceremony

3:15–4:30 P.M., Washington Room, Mather Hall

Event Recap

Donna Haghghat
AAUW CT Co-President

Speaker Introduction

Donna Haghghat
AAUW CT Co-President

Keynote Speaker

Keshia Ashe
*Co-founder and CEO
ManyMentors*

Q&A

Raffle Announcements

Donna Haghghat and Alice Reitz
AAUW CT Co-Presidents



Meet the Planning Committee

Donna Haghighat
Dr. Alison Draper
Kelly Fitzgerald, Lucy Brakoniecki and Amanda Berardi
Dr. Mary (Cater) Arico
Michelle Helmin
Keshia Ashe
Barbara DeLoureiro
Dr. Chinma Uche
Paloma Melendrez
Dr. Karen Fattouh

A special thank you to Dr. Joanne Berger-Sweeney, President of Trinity College



AAUW Contact Information

AAUW of Connecticut

AAUW CT Co-Presidents: Alice Reitz (alice.reitz@gmail.com) and
Donna Haghighat (donnahaghighat@gmail.com)

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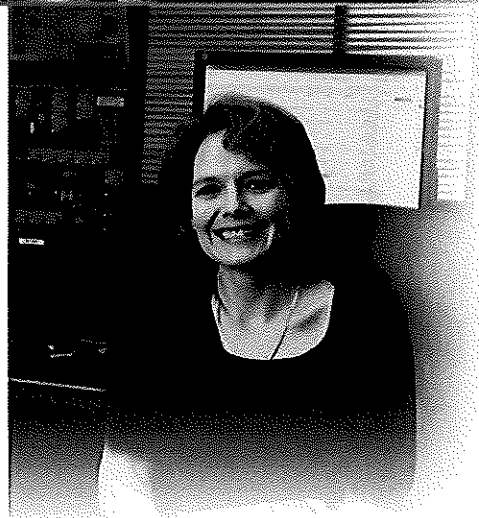
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Kristen Owens
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Discovery Museum
AAUW Lower CT Valley

Special thanks to Trinity College





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to support
Tech Savvy



At Praxair, 27,000 employees in 50 countries are working together towards a common goal: making our planet more productive. For more than 100 years, Praxair has taken something as fundamental as air and turned it into ways to make plants operate cleaner and more productively, food taste better, breathing easier and manufacturing processes more efficient -- in short, to make all our lives better.